3GPP Work Plan – Cover page

Version 2004, September 8th

Introduction

This cover sheet contains 3 parts:
Part 1: Specific comments for this version
Part 2: General recurrent information
Part 3: History

The last version of the Work Plan and all the related documents (cover page, PDF views, etc) are available at:
ftp://ftp.3gpp.org/information/work_plan

For comments on a specific line, contact the MCC support for the WG or TSG responsible of the given task (to know who at MCC is responsible of a given WG or TSG, look at: http://www.3gpp.org/About_3GPP/structure.htm).
For comment on a Feature, contact the feature's responsible MCC support.
For general comments, contact the Work Plan manager at: alain.sultan@etsi.org , mentioning in the e-mail subject "General comment on the Work Plan".

Specific comments for this version

Main changes between versions 8 July and 8 September 2004

Inputs have been received from the following WGs:
SA1, SA2, SA4, SA5, CN1, CN2, CN4, CN5, T2, T3, RAN WGs

The following tasks containing "DELETE" in their title will be deleted in next version:

UID	***Name***	*Rel*	*Acronym*	*Level Approval*	*Start*	*End*	*Completion*	*WID*	*Last updated*
2499	**Presence Capability**	Rel-6	PRESNC	TSG	Mon 19/03/01	Thu 16/12/04	52%	SP-010064	Wed 08/09/04
2505	DELETE - USIM issues	Rel-6			Mon 04/03/02	Thu 20/06/02	0%		Fri 30/03/01
15037	DELETE - TR on Presence and Availability Management	Rel-6		TSG	Mon 03/05/04	Fri 10/09/04	0%		Wed 08/09/04
15010	**Rel-6 OSA enhancements**	Rel-6	OSA3	TSG	Thu 31/10/02	Fri 10/12/04	81%	NP-040144	Wed 08/09/04
15034	DELETE - User Profile	Rel-6		TSG	Thu 17/04/03	Fri 10/09/04	0%		Wed 08/09/04
32066	**DELETE? COVERED BY 32076? - Combining CS bearers with IMS**	Rel-7	CSI	TSG	Mon 15/03/04	Thu 31/03/05	36%	SP-040044	Thu 08/07/04

Detailed changes

The detailed changes are provided in the "notes" field of the modified WIs.

General recurrent information

This paragraph contains recurrent information provided to the reader not familiar with the 3GPP Work Plan.

General description

The Work Plan is a living document, aiming at providing co-operations between all the 3GPP TSGs and WGs to help them reaching common targets.
These targets are called "**Features**", and are new or substantially enhanced functionality which represents added value to the existing system. A feature should normally embody an improved service to the customer and / or increased revenue generation potential to the supplier. The features are divided into "**Building Blocks"**, a BB being a set of technical functionality which would generally be expected to reside in a single system element, i.e. a single physical or logical entity or a single protocol. The Building Blocks are divided into "**Work Tasks"**, a WT being by definition handled by a single Working Group. The output of a work task is the creation of one or more new Technical Specifications (or Reports) and / or Change Requests to existing TSs / TRs.
These definitions are extracted from SP-000109.

This tree structure is established to ease the monitoring of the 3GPP work progress for R00, and to make explicit the purpose of the work assigned to one WG in the global system.

A **Work item** is a generic term to refer to a *feature*, *building block* or *work task*, i.e. all the lines of the Work Plan are work items. A full description of the a work item can be found in the 3GPP Working Procedures, available at http://www.3gpp.org/About_3GPP/3gpp_wp.zip .

The Work Plan is provided in the form of a Gantt chart: the left part contains the names and attributes of the Work Items, the right part contains a calendar view reflecting the work progress (blue and grey lines apply to foreseen tasks, black lines for completed tasks).
The indentation of WI names reflects the hierarchical level in the tree structure (Features, Building Blocks, and Work Tasks).
A "Tracking Gantt" is used. This means that below each Gantt line (horizontal blue line in the right part of the document), there is a thin horizontal black line showing the previously foreseen start and end dates. This enables tracking the slipping of dates. This is reset after each plenary.

Attributes applicable to a WI

From the Work Plan perspective, a WI is fully characterised by the following set of attributes:

1. Unique ID
2. Name
3. Release (based on the completion date). It applies to non-splitable features. If the feature is splitable, it applies to each individual Building Block composing the feature, provided that the Building Blocks are non-splitable. It does not apply to Feasibility Studies, Testing nor Charging Activities.
4. Splitable: defines whether the WI has to be considered as a single block or if it can be realised onto different releases
5. Acronym
6. Resource name: defines the responsible WG or TSG
7. Modified (see next section)
8. Modified since last TSG (see next section)
9. Start
10. Finish
11. % completed
12. Impacted TS and TR
13. Approval Level: MCC<CHAIR<WG<TSG. Each level can delete the proposal from the levels below. Only TSG Approved Wis are officially approved. All the other Wis are proposals, more or less stable according to the approval level.
14. Last modif, containing the date of the last modification. Note: this field has been recently added. The value has been initialised to April, 1st.
15. Hyperlink (to the proposed/approved WI coversheet)
16. WI rapporteur name

17. WI rapporteur e-mail
18. MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
19. Notes (free field).

The fields Start, Finish and % completed are calculated for summary tasks.
For better readability, only some of these attributes are shown in the PDF views.

How the changes on the Work Plan are tracked?

The changes are tracked at two level: a global one, stressing out the overall changes of the Work Plan, and a more detailed one, making use of the "notes" field.

Global level

The global level is a text of some paragraphs listing the main changes. For readability reasons, the global level is not part of the MS Project Work Plan but is contained in this present Work Plan cover page.
The global level shall at least:

- Report creation and deletion of Features and Building Blocks. It is not requested to mention the creation and deletion of Work Tasks (but this can be done if judged relevant by the MCC responsible person).

The global level is updated before each set of plenary meetings.

Detailed level

The detailed level is a set of comments provided in the "notes" field text of each modified WI (a WI is identified by its Unique ID).
Even at the "detailed level", not all the modifications have to be mentioned: some fields are by nature subject to constant updates (e.g. "% completed"), so it would be a waste of time to keep track of these changes.
The fields subject to change tracking are the following ones:

- Name
- Release
- Early (defines whether the WI is subject to early implementation, as defined in SP-040235)
- Acronym
- Resource name (defines the responsible WG or TSG)
- Finish date

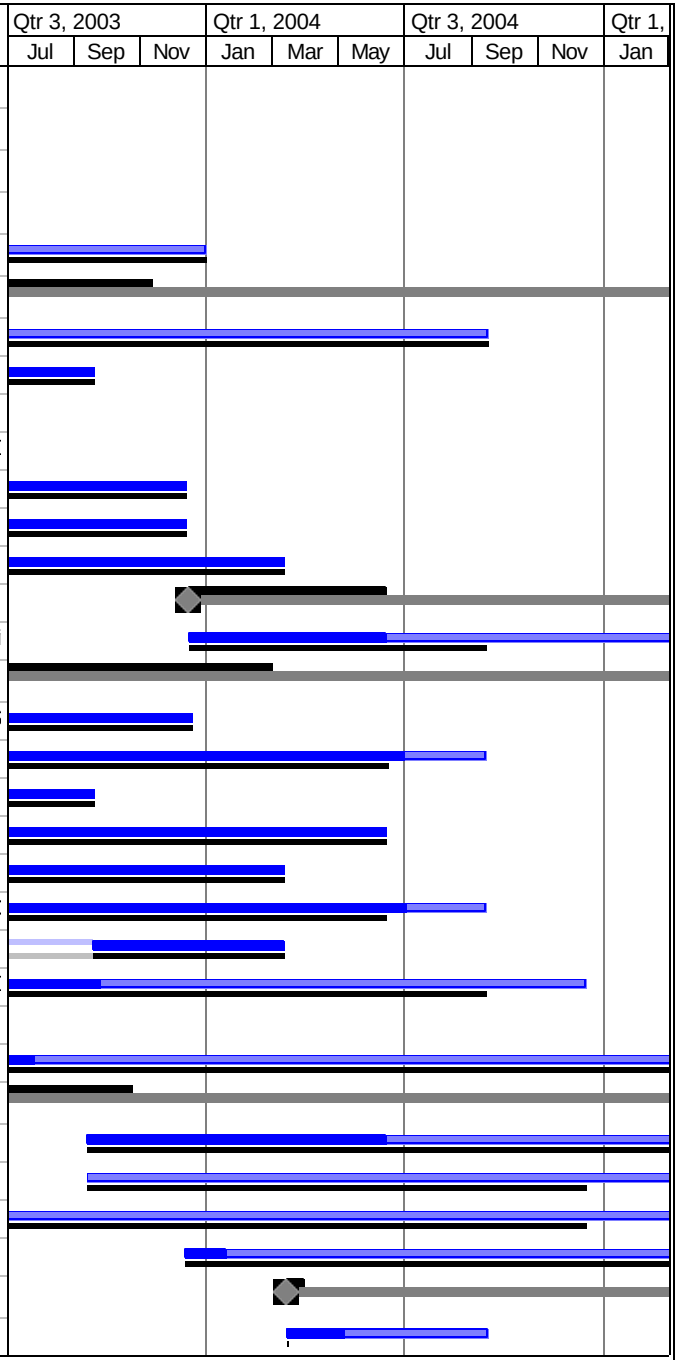
The other ones -listed below- are not subject of change tracking. Change tracking on these ones is up to the MCC responsible person. These are:

- % completed
- Impacted TS and TR
- Level of Approval (not yet approved<WG<TSG).
- Hyperlink (to the proposed/approved WI coversheet)
- WI rapporteur name
- WI rapporteur e-mail
- MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
- Notes (free field).
- Start date
- last modif: provides the date of the latest modification of the WI.

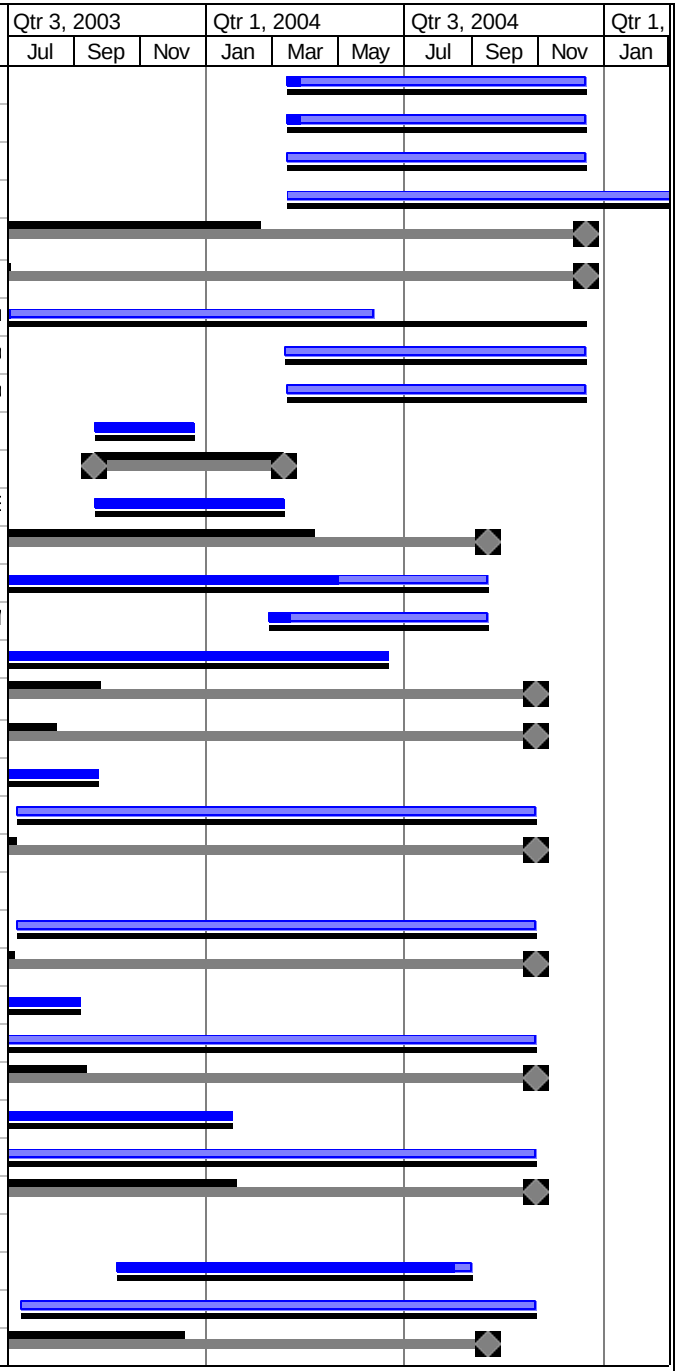
History

This section is reset after each plenary meeting.

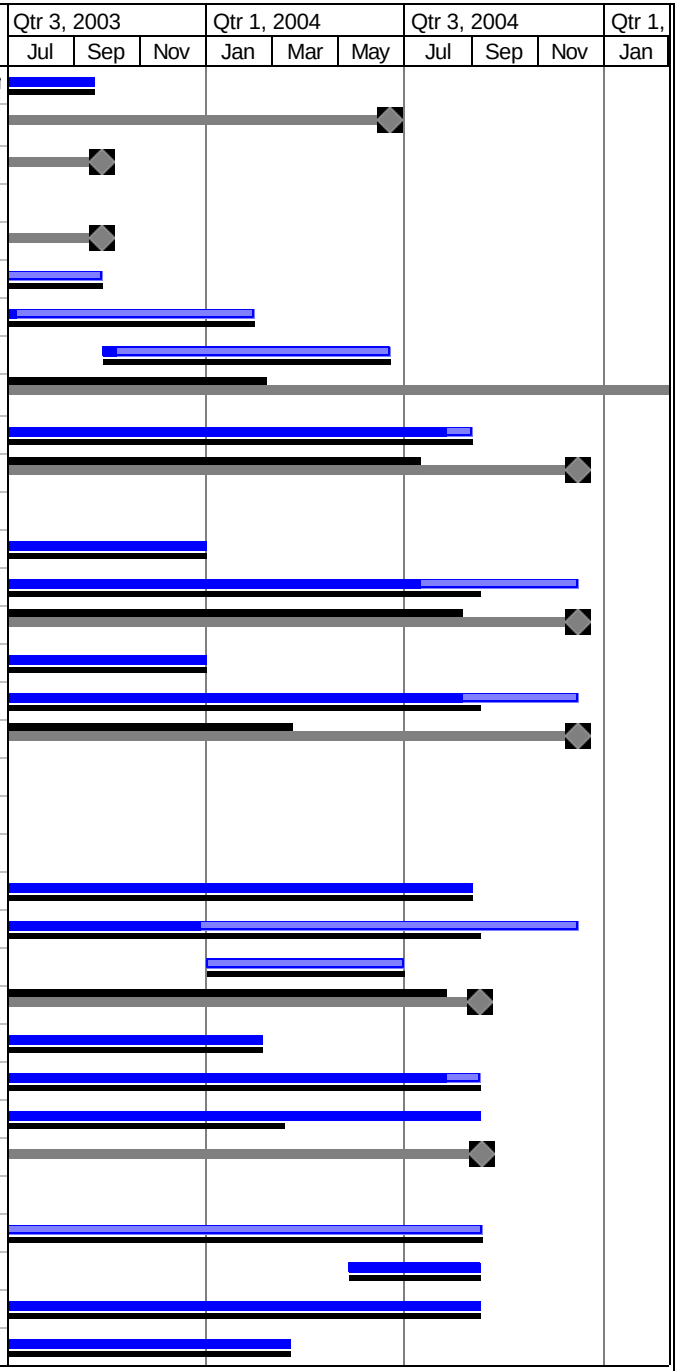
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
1	2044	**VERSION 2004 September 8th**	Rel	No		No	
2	1462	**"CTRL + a" to display all the 3GPP fie**		No		No	
3	2058	**Content of Rel-6 and after. Not frozen.**	Rel	No		No	
4	0		Rel	No		No	
5	2	**Evolutions of the transport in the UTR**	NA	No	RP	No	ETRAN
6	**1216**	**Improvements of Radio Interface**	**Rel-6**	**No**	**RP**	**No**	**RInImp**
7	1470	**Improvement of inter-frequency and int**	Rel-6	No	R1	No	RInImp-IfIsM
8	24006	**Improving Receiver Performance Requi**	Rel-6	No	R4	No	RInImp-UERecPerf
9	**24004**	**Base station classification**	**Rel-6**	**No**	**R4**	**No**	**RInImp-BSClass**
10	1476	FDD Base station classification	Rel-6	No	R4	No	RInImp-BSClass-FDI
11	24007	**UMTS-850**	Rel-6	No	R4	No	RInImp-UMTS850
12	24009	**DS-CDMA introduction in the 800 MHz b**	Rel-6	No	R4	No	RInImp-UMTS800
13	24010	**UMTS 1.7/2.1 GHz**	Rel-6	No	R4	No	RInImp-UMTS1721
14	**24013**	**Improved Receiver Performance Requi**	**Rel-6**	**No**	**R4**	**No**	**RInImp-HSPerf**
15	24014	Performance Requirements of Receive Diversit	Rel-6	No	R4	No	RInImp-HSPerf-RxDi
16	**3**	**RAN Feasibility Studies**	**Rel-6**	**No**	**RP**	**No**	
17	23007	**FS of the improved access to UE meas**	Rel-6	No	R3	No	RANimp-RRMopt-FS
18	1506	**FS on Radio link performance enhance**	Rel-6	No	R1	No	RInImp-Rlperf
19	21000	**FS on Improvement of inter-frequency a**	Rel-6	No	R1	No	RInImp-IfIsMLCR
20	21003	**FS for the analysis of OFDM for UTRAN**	Rel-6	No	R1	No	RInImp-FSOFDM
21	21004	**FS on Uplink Enhancements for Dedica**	Rel-6	No	R1	No	RInImp-FSUpDTrCh
22	21005	**FS on Analysis on Higher Chip Rates fo**	Rel-6	No	R1	No	RInImp-FSVHCRTDI
23	24011	**FS on Low Output Powers for general p**	Rel-6	No	R3	No	RInImp-FSLoPw
24	21007	**FS on Uplink enhancements for UTRA T**	Rel-6	No	R1	No	RInImp-FSUpEnhTDI
25	24005	**FS on UE antenna efficiency test metho**	Rel-6	No	R4	No	RInImp-UEAnTM2
26	23006	**FS on the evolution of the UTRAN archi**	Rel-6	No	R3	No	RANimp-FSEvo
27	**2468**	**Multiple Input Multiple Output antenna**	**Rel-6**	**No**	**R1**	**No**	**MIMO**
28	21006	**MIMO - Physical layer**	Rel-6	No	R1	No	MIMO-Phys
29	22003	**MIMO - Layer 2,3 aspects**	Rel-6	No	R2	No	MIMO-L23
30	23008	**MIMO - Iub/Iur Protocol Aspects**	Rel-6	No	R3	No	MIMO-IurIub
31	24008	**MIMO - RF Radio Transmission/Recepti**	Rel-6	No	R4	No	MIMO-RF
32	**20003**	**FDD Enhanced Uplink**	**Rel-6**	**No**	**RP**	**No**	**EDCH**
33	20004	**FDD Enhanced Uplink - Stage 2**	Rel-6	No	R2	No	EDCH-Stage2



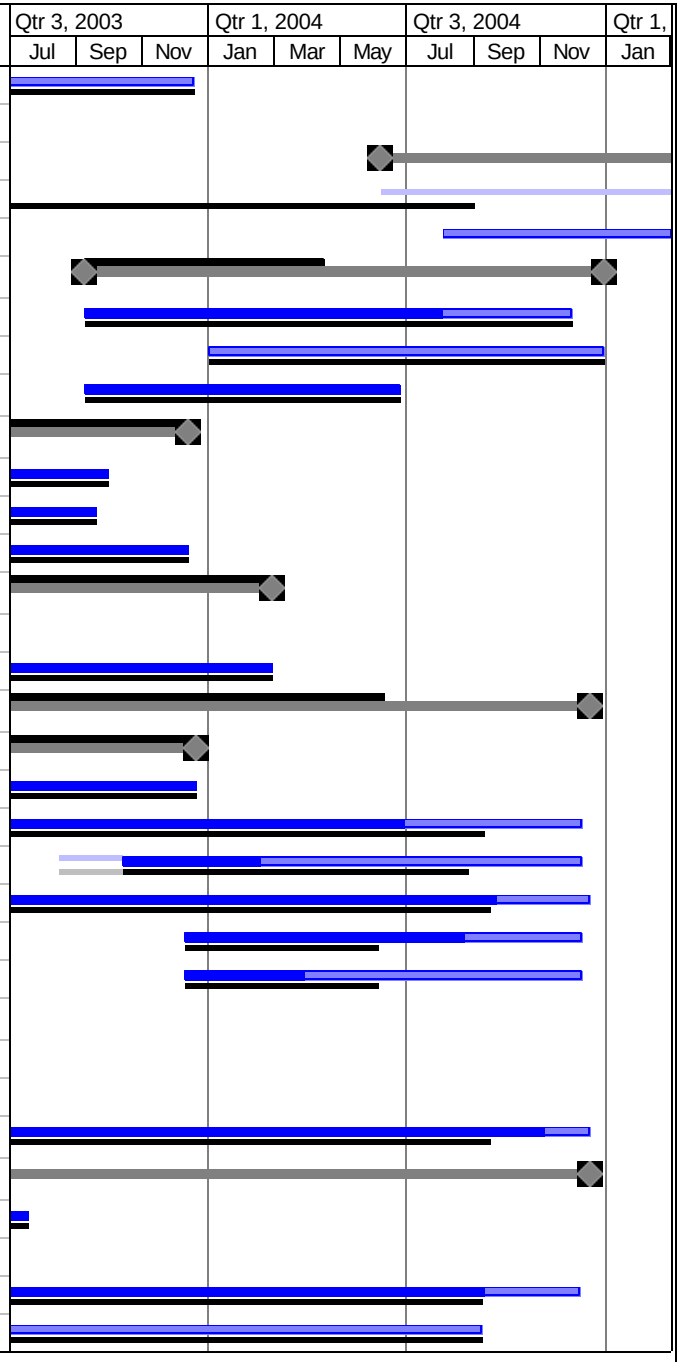
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
34	20005	**FDD Enhanced Uplink - Physical Layer**	Rel-6	No	R1	No	EDCH-Phys
35	20006	**FDD Enhanced Uplink - Layer 2 and 3 P**	Rel-6	No	R2	No	EDCH-L23
36	20007	**FDD Enhanced Uplink - UTRAN Iub/Iur F**	Rel-6	No	R3	No	EDCH-Iurlub
37	20008	**FDD Enhanced Uplink - RF Radio Trans**	Rel-6	No	R4	No	EDCH-RF
38	**9**	**RAN improvements**	**Rel-6**	**No**	**RP**	**No**	**RANimp**
39	**624**	**RAB support enhancement**	**Rel-6**	**No**	**R2**	**No**	**RANimp-RABSE**
40	23009	Iu enhancements for IMS support in RAN	Rel-6	No	R3	No	RANimp-RABSE-IuE
41	21008	Optimisation of downlink channelisation code u	Rel-6	No	R1	No	RANimp-RABSE-Co
42	21009	Optimisation of channelisation code utilisation f	Rel-6	No	R1	No	RANimp-RABSE-Co
43	20999	**Beamforming Enhancements**	Rel-6	No	R1	No	RANimp-BFE
44	**23012**	**Rel6 RRM optimization for Iur and Iub**	**Rel-6**	**No**	**R3**	**No**	**RANimp-RRMopt**
45	23014	Improved access to User Equipment (UE) meas	Rel-6	No	R3	No	RANimp-RRMopt-UE
46	**23010**	**Remote Control of Electrical Tilting Ant**	**Rel-6**	**No**	**R3**	**No**	**RANimp-TiltAnt**
47	23015	RAN aspects	Rel-6	No	R3	No	RANimp-TiltAnt
48	35023	OAM&P impacts	Rel-6	No	S5	No	RANimp-TiltAnt-OAI
49	23011	**Network Assisted Cell Change (NACC) f**	Rel-6	No	R3	No	RANimp-NACC
50	**32023**	**Location Services enhancements 2**	**Rel-6**	**No**	**S2**	**No**	**LCS2**
51	**32024**	**Improvement on Le interface**	**Rel-6**	**No**	**S2**	**No**	
52	32051	Stage 2	Rel-6	No	S2	No	
53	32053	Stage 3 - impacts MLP (Mobile Location Protoc	Rel-6	No	OMA	No	
54	**32001**	**Enhanced support for anonymity and u**	**Rel-6**	**No**	**S2**	**No**	
55	32047	Stage 2	Rel-6	No	S2	No	
56	32054	Stage 3 - impacts MLP and RLP	Rel-6	No	OMA	No	
57	**32025**	**Enhanced inter-GMLC interface**	**Rel-6**	**No**	**S2**	**No**	
58	32048	Stage 2	Rel-6	No	S2	No	
59	32055	Stage 3 - definition of RLP and PCP	Rel-6	No	OMA	No	
60	**32012**	**Location Services support for IMS publ**	**Rel-6**	**No**	**S2**	**No**	
61	32049	Stage 2	Rel-6	No	S2	No	
62	32056	Stage 3 - impacts MLP, RLP and PCP	Rel-6	No	OMA	No	
63	**32026**	**New area event for location service trig**	**Rel-6**	**No**	**S2**	**No**	
64	32050	Stage 2	Rel-6	No	S2	No	
65	14015	Stage 3 for UE-CN signalling	Rel-6	No	N4	No	
66	32057	Stage 3 - impacts MLP, RLP and PCP	Rel-6	No	OMA	No	
67	**20001**	**UE positioning**	**Rel-6**	**No**	**RP**	**No**	**LCS2-UEpos**



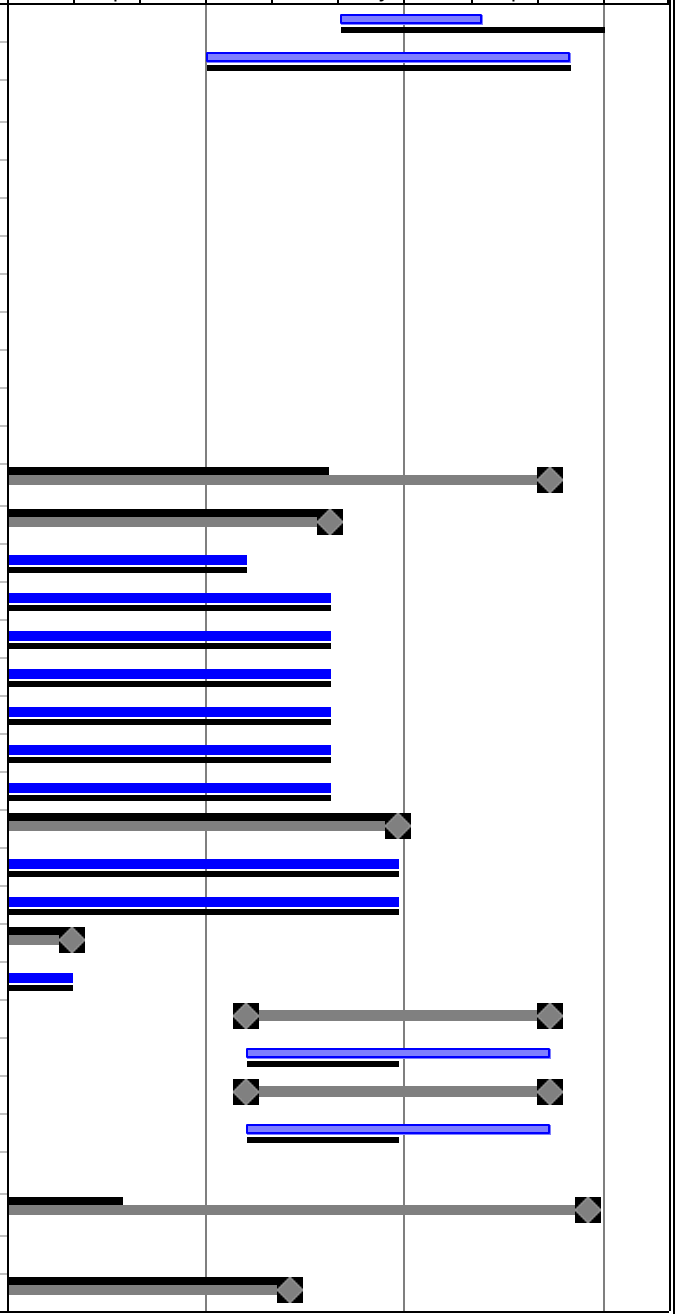
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
70	22002	FS on Enhancements to OTDOA Positioning us	Rel-6	No	R2	No	LCS2-UEpos-FSBla
71	**1571**	**Security enhancements**	**Rel-6**	**No**	**S3**	**No**	**SEC1**
72	**2026**	**Enhanced HE control of security (includ**	**Rel-6**	**No**	**S3**	**No**	
73	2027	Stage 2	Rel-6	No	S3	No	
74	**33006**	Network domain security	**Rel-6**	**No**	**S3**	**No**	**SEC1-NDS**
75	33007	IP network layer security (NDS/IP)	Rel-6	No	S3	No	SEC1-NDS-IP
76	33017	**Network Domain Security; Authenticati**	Rel-6	No	S3	No	SEC1-NDS-AF
77	33019	**Key Management of group keys for Voi**	Rel-6	No	S3	No	SECGKYV
78	**32021**	**IMS Phase 2**	**Rel-6**	**No**	**S1**	**No**	**IMS2**
79	14014	**Enhancements to the Cx and Sh interfa**	Rel-6	No	N4	No	IMS2-CCR
80	**31025**	**IMS Group Management**	**Rel-6**	**No**	**S1**	**No**	**IMSGM**
81	31026	Stage 1 - TS on IMS group management	Rel-6	No	S1	No	
82	32036	Stage 2	Rel-6	No	S2	No	
83	11036	Stage 3 for IMS Group management (e.g. chat)		No	N1	No	
84	**11037**	**IMS Conferencing**	**Rel-6**	**No**	**N1**	**No**	
85	32037	Stage 2	Rel-6	No	S2	No	
86	32038	Stage 3		No	N1	No	
87	**31022**	**IMS Messaging**	**Rel-6**	**No**	**S1**	**No**	**IMSM**
88	31023	TR on support of messaging in the IMS	Rel-6	No	S1	No	IMSM-TR
89	31034	Stage 1 22.340	Rel-6	No	S1	No	IMSM-TS
90	31033	CRs to 22.140 & 22.228	Rel-6	No	S1	No	IMSM-CR
91	32700	Stage 2	Rel-6	No	S2	No	
92	11039	Stage 3 for IMS Messaging		No	N1	No	
93	60001	SIP/SIMPLE Instant messaging	Rel-6	No	OMA	No	
94	**11040**	**Additional SIP Capabilities support not**	**Rel-6**	**No**	**N1**	**No**	
95	32041	Stage 2 for add SIP cap (e.g. forking)	Rel-6	No	S2	No	
96	32042	Stage 3 for Additional SIP Capabilities	Rel-6	No	N1	No	
97	11041	**Review additional SIP Capabilities aga**	Rel-6	No	N1	No	
98	**2048**	**Interworking between IMS and IP netw**	**Rel-6**	**No**	**N3**	**No**	**IMS-CCR-IWIP**
99	13004	Interworking for 3GPP_SIP and IETF_SIP	Rel-6	No	N3	No	
100	13005	Interworking for IPv6 to IPv4	Rel-6	No	N3	No	
101	11044	Interworking for IPv6 to IPv4 (SIP / SDP aspect	Rel-6	No	N1	No	
102	11017	stage 3 of interworking with non-IMS IP netwo	Rel-6	No	N1	No	
103	2047	**Interworking between IMS and CS netv**	Rel-6	No	N3	No	IMS-CCR-IWCS



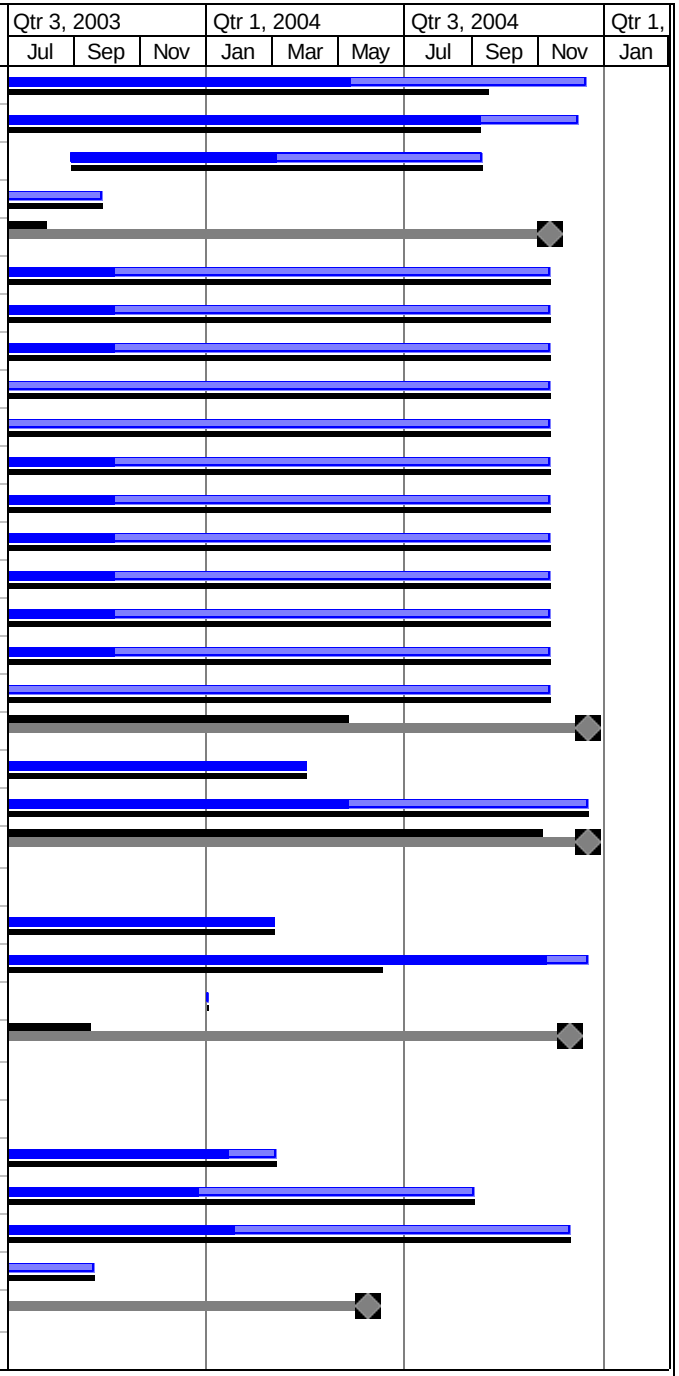
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
106	33012	**Lawful Interception in the 3GPP Rel-6**	Rel-6	No	S3	No	SEC1-LI
107	31042	**IMS Subscription and access scenarios**	Rel-6	No	S1	No	
108	**32074**	**IMS enhancement for NGN**	**Rel-7**	**No**	**S2**	**No**	**IMS-NGN**
109	32075	Stage 2	Rel-7	No	S2	No	IMS-NGN
110	11050	Protocol impact from providing IMS services vi	Rel-7	No	N1	No	
111	**32063**	**3GPP Enablers for services like Push**	**R6/R7?**	**No**	**S2**	**No**	**PoC**
112	32068	**Feasibility Study**	R6/R7?	No	S2	No	PoC
113	60002	**Dependencies on OMA PoC**	R6/R7?	No	OMA	No	PoC
114	32062	**Interworking aspects and migration sc**	Rel-6	No	S2	No	IPv4IMS
115	**11032**	**Interoperability and Commonality betw**	**Rel-6**	**No**	**S2**	**No**	**IMSCOOP**
116	32028	**Stage 2 for Interoperability (no contribu**	Rel-6	No	S2	No	
117	32061	**Stage 2 for commonality**	Rel-6	No	S2	No	
118	11033	**Stage 3**	Rel-6	No	N1	No	
119	**1365**	**Support of Push Services**	**Rel-6**	**No**	**S1**	**No**	**PUSH**
120	31004	**Stage 1**	Rel-6	No	S1	No	
121	32701	**TR 23.976 on Push Architecture**	Rel-6	No	S2	No	
122	**42009**	**Multimedia Messaging (MMS) enhance**	**Rel-6**	**No**	**T2**	**No**	**MMS6**
123	**42010**	**Definition of service requirements**	**Rel-6**	**No**	**S1**	**No**	**MMS6-SR**
124	31031	Definition of service requirements charging	Rel-6	No	S1	No	
125	42011	**Technical realization**	Rel-6	No	T2	No	
126	42012	**OMA dependencies**	Rel-6	No	T2	No	
127	42013	**MMS formats and codecs**	Rel-6	No	S4	No	MMS6-Codec
128	42014	**Handling of private addressing scheme**	Rel-6	No	T2	No	
129	42015	**FS Multiple MMS Relay/Server Architec**	Rel-6	No	T2	No	
130	**42005**	**Rel-6 MExE enhancements**	**Rel-6**	**No**	**T2**	**No**	**MEXE6**
131	42006	**MExE Rel-6 Improvements and Investig**	Rel-6	No	T2	No	MEXE6-ENHANC
132	42007	**MExE Run-Time Independent Framewo**	Rel-6	No	T2	No	MEXE6-RTIF
133	2062	**Subscription Management**	Rel-6	No	S5	No	SuM
134	**2499**	**Presence Capability**	**Rel-6**	**No**	**S1**	**No**	**PRESNC**
135	2501	**Stage 1**	Rel-6	No	S1	No	
136	2502	**Stage 2**	Rel-6	No	S2	No	
137	2503	**Stage 3**	Rel-6	No	N1	No	
138	13018	**Stage 3 (CN3 Part Pk interface)**	Rel-6	No	N3	No	



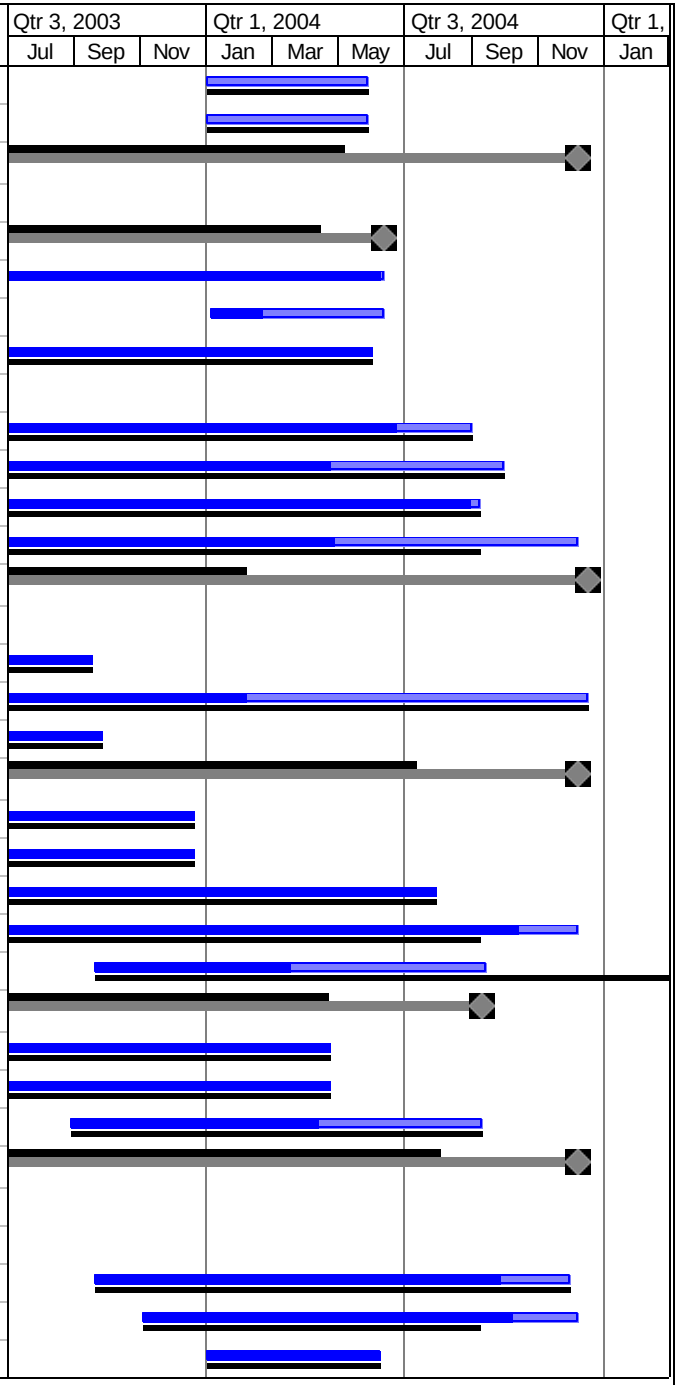
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
142	15037	**DELETE - TR on Presence and Availabi**	Rel-6	No	N5	No	
143	60003	**SIMPLE Presence**	Rel-6	No	OMA	No	
144	**50056**	**Enhanced A/Gb feasibility study**	**Rel-6**	**No**	**GP**	**No**	**AGbEnFS**
145	**50057**	**Feasibility study on A/Gb enhancement**	**Rel-6**	**No**	**G2**	**No**	**AGbEnFS-FS**
146	50080	Requirements for the support of conversationa	Rel-6	No	GP	No	
147	50084	Identification of the different building blocks fo	Rel-6	No	GP	No	
148	50093	Outline of impact and feasibility of these buildir	Rel-6	No	GP	No	
149	52081	Identification of the different building blocks fo	Rel-6	No	G2	No	
150	52082	Outline of impact and feasibility of these buildir	Rel-6	No	G2	No	
151	50081	Impact on 3GPP architecture and requirement	Rel-6	No	GP	No	
152	50082	Standardisation effort	Rel-6	No	GP	No	
153	50083	Dependency to other features	Rel-6	No	GP	No	
154	**50063**	**Flexible Layer One for GERAN**	**Rel-6**	**No**	**GP**	**No**	**FLOGER**
155	**50064**	**Realisation of a Flexible Layer One**	**Rel-6**	**No**	**GP**	**No**	**FLOGER-Real**
156	50065	Technical Report	Rel-6	No	GP	No	
157	51002	Architecture in 45.001 and 43.051	Rel-6	No	G1	No	
158	51003	Multiplexing in 45.002	Rel-6	No	G1	No	
159	51004	Channel Coding in 45.003	Rel-6	No	G1	No	
160	51005	Performance Requirements in 45.005	Rel-6	No	G1	No	
161	51006	Radio subsystem link control in 45.008	Rel-6	No	G1	No	
162	52071	Requirements in 44.004	Rel-6	No	G2	No	
163	**52072**	**Signalling and protocol support for a F**	**Rel-6**	**No**	**G2**	**No**	**FLOGER-SigPro**
164	52073	Modifications to RLC/MAC in 44.060 and 44.16	Rel-6	No	G2	No	
165	52074	Modifications to RRC in 44.118 and 44.018	Rel-6	No	G2	No	
166	**52075**	**Security for a Flexible Layer One**	**Rel-6**	**No**	**S3; G2**	**No**	**FLOGER-SecFLO**
167	52076	Ciphering in 44.160,44.118, 44.060 and 44.018	Rel-6	No	S3; G2	No	
168	**55077**	**GERAN MS Conformance test for the F**	**Rel-6**	**No**	**G4,G5**	**No**	**FLOGER-Msconf**
169	55078	MS Test in 51.010	Rel-6	No	G4,G5	No	
170	**55079**	**GERAN BTS Conformance test for the I**	**Rel-6**	**No**	**G3**	**No**	**FLOGER-BTSconf**
171	53080	BTS Test in 51.021	Rel-6	No	G3	No	
172	50041	**Uplink TDOA feasibility study**	Rel-6	No	GP	No	TDOAF
173	**2544**	**Multimedia Broadcast and Multicast S**	**Rel-6**	**No**	**S1**	**No**	**MBMS**
174	2545	**Stage 1**	Rel-6	No	S1	No	
175	**32002**	**Stage 2**	**Rel-6**	**No**	**S2**	**No**	



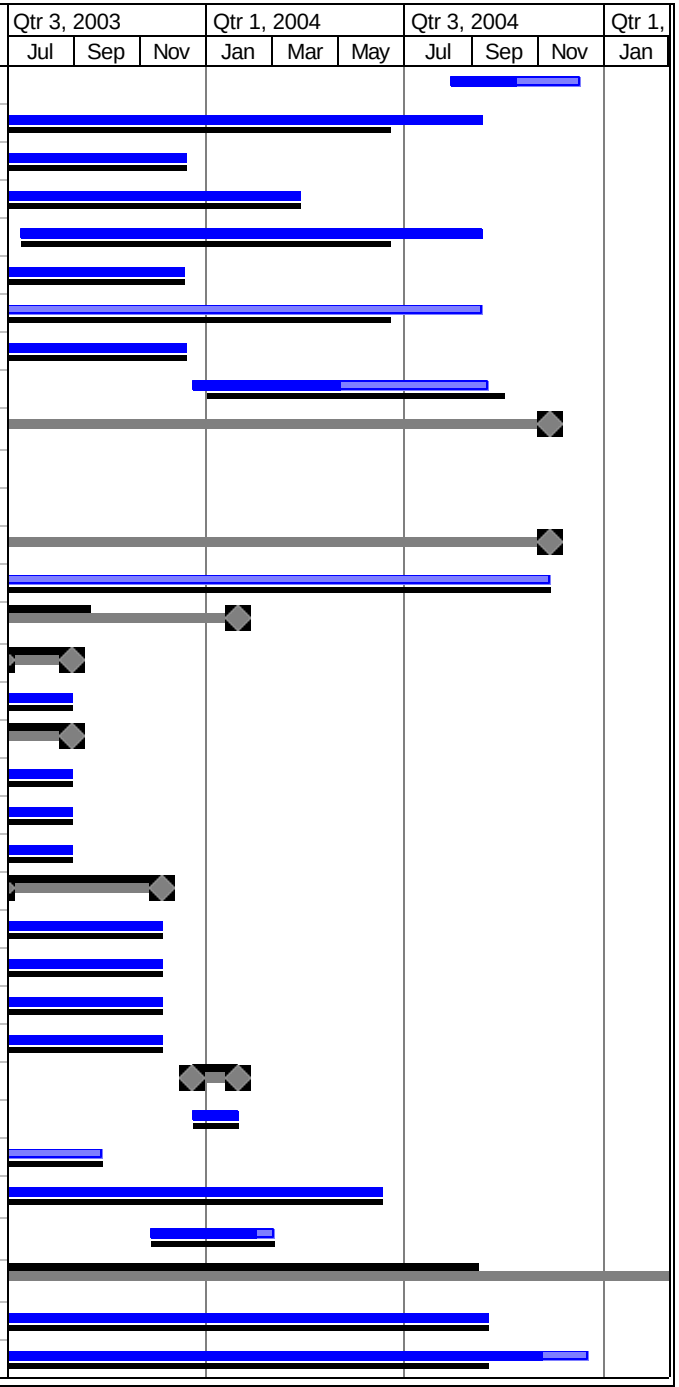
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
178	2481	**Introduction of MBMS in RAN**	Rel-6	No	R2	No	MBMS-RAN
179	11030	**Support of the MBMS in CN protocols**	Rel-6	No	N1	No	
180	13015	**Gmb interface for MBMS (CN3 part)**	Rel-6	No	N3	No	
181	33008	**Security Aspects of Multimedia Broadca**	Rel-6	No	S3	No	MBMS
182	**50085**	**Support of MBMS in GERAN**	**Rel-6**	**No**	**GP**	**No**	**MBMS-GERAN**
183	50086	Impact on the logical and physical channels	Rel-6	No	GP	No	
184	52085	Re-synchronisation at cell change	Rel-6	No	G2	No	
185	50098	Simultaneous support of MBMS services	Rel-6	No	GP	No	
186	50099	Simultaneous support of MBMS and non-MBMS	Rel-6	No	GP	No	
187	50100	Resynchronisation at cell change	Rel-6	No	GP	No	
188	50087	Decision making process between point-to-poi	Rel-6	No	GP	No	
189	50088	MBMS channel allocations procedures to multip	Rel-6	No	GP	No	
190	50089	Changes to the Gb interface	Rel-6	No	GP	No	
191	50090	GERAN specific changes to the Iu-ps interface	Rel-6	No	GP	No	
192	50091	Interaction between MBMS and Iu-flex	Rel-6	No	GP	No	
193	50092	Security aspects	Rel-6	No	GP	No	
194	53081	MS conformance tests- G3	Rel-6	No	G3	No	
195	**31045**	**MBMS User Services**	**Rel-6**	**No**	**S1**	**No**	
196	31044	MBMS User Services Stage 1	Rel-6	No	S1	No	
197	34026	Definition of MBMS user services, media codec	Rel-6	No	S4	No	MBMS-TSMBMS
198	**31006**	**Speech Recognition and Speech Enal**	**Rel-6**	**No**	**S1**	**No**	**SRSES**
199	31007	**Speech Enabled Services Based on Dis**	Rel-6	No	S1	No	DSR
200	32999	**TR on Architectural impacts**	Rel-6	No	S2	No	
201	34700	**Codec Work to Support Speech Recogi**	Rel-6	No	S4	No	SRSES-Codec
202	60004	**Multimodal support**	Rel-6	No	OMA	No	
203	**31008**	**Generic User Profile**	**Rel-6**	**No**	**S1**	**No**	**GUP**
204	31009	**Stage 1 - Requirements**	Rel-6	No	S1	No	
205	32008	**Stage 2 - Architecture**	Rel-6	No	S2	No	
206	42002	**Stage 2 - Data Description Method**	Rel-6	No	N4	No	
207	42003	**Stage 3 - Common objects**	Rel-6	No	N4	No	
208	14008	**Stage 3 - Network**	Rel-6	No	N4	No	
209	33009	**Security Aspects**	Rel-6	No	S3	No	
210	**31010**	**Digital Rights Management**	**Rel-6**	**No**	**S1**	**No**	**DRM**
211	31011	**Requirements**	Rel-6	No	S1	No	



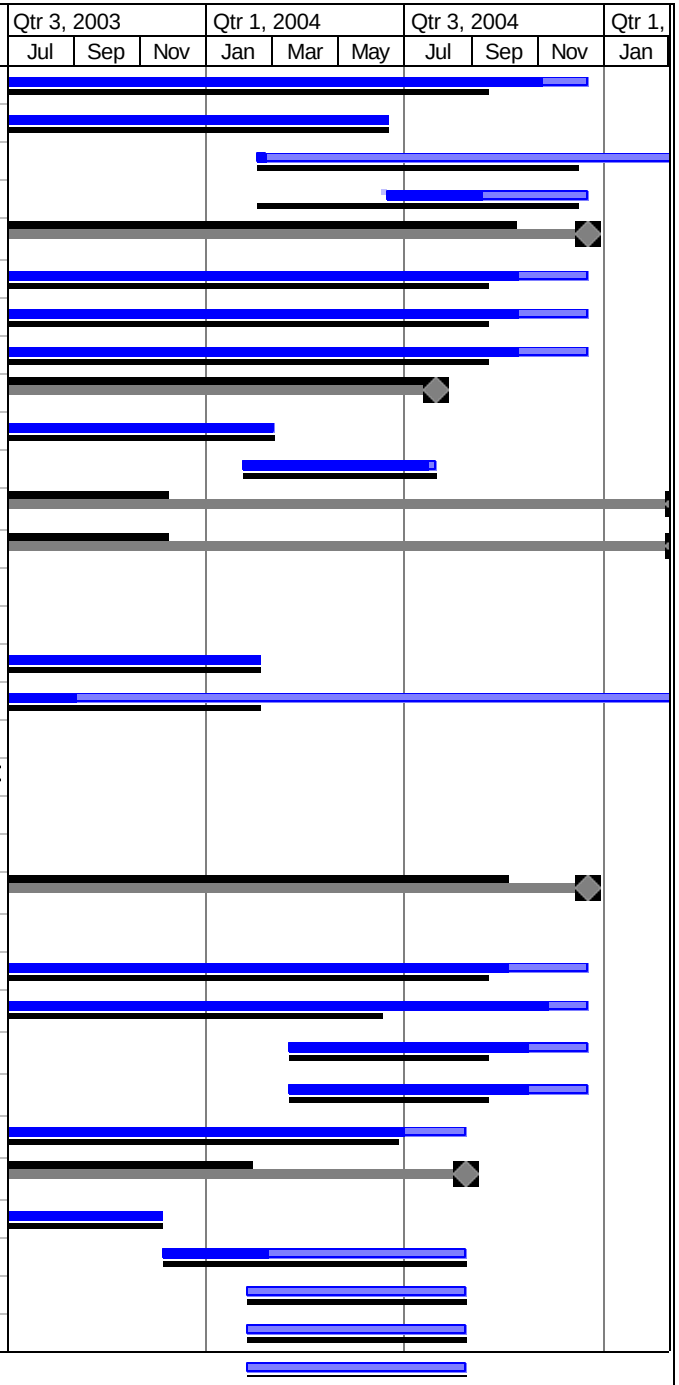
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
214	60005	**Stage 2**	Rel-6	No	OMA	No	
215	60006	**Stage 3**	Rel-6	No	OMA	No	
216	**31012**	**WLAN-UMTS Interworking**	**Rel-6**	**No**	**S1**	**No**	**WLAN**
217	31020	**Technical Report**	Rel-6	No	S1	No	WLAN-TR
218	**31035**	**Stage 1**	**Rel-6**	**No**	**S1**	**No**	**WLAN-TS**
219	31058	Global stage 1	Rel-6	No	S1	No	WLAN-TS
220	31057	Session Continuity	Rel-7	No	S1	No	WLAN-SC
221	32018	**Architecture Definition for scenarii 2 ar**	Rel-6	No	S2	No	
222	32704	**Security**	Rel-6	No	S3	No	
223	14013	**Stage 3 - CN4 aspects**	Rel-6	No	N4	No	WLAN-IW
224	13019	**Stage 3 - CN3 aspects (Wi Interface for**	Rel-6	No	N3	No	WLAN
225	11042	**Stage 3 for scenario 2**	Rel-6	No	N1	No	
226	11047	**Stage 3 for scenario 3**	Rel-6	No	N1	No	
227	**31015**	**Priority Service**	**Rel-6**	**No**	**S1**	**No**	**NTShar**
228	31016	**Feasibility Study**	Rel-6	No	S1	No	PRIOR-FS
229	31017	**Stage 1 - Requirements**	Rel-6	No	S1	No	PRIOR-SR
230	31041	**Multimedia Priority Service**	Rel-6	No	S1	No	
231	31043	**Priority service implementation guide**	Rel-6	No	S1	No	
232	**31018**	**Network Sharing**	**Rel-6**	**No**	**S1**	**No**	**NTShar**
233	31019	**Technical Report**	Rel-6	No	S1	No	NTShar-TR
234	31038	**Stage 1 - CRs to implement Network Sh**	Rel-6	No	S1	No	NTShar-CR
235	32044	**Stage 2**	Rel-6	No	S2	No	
236	11043	**Network sharing - stage 3**	Rel-6	No	N1	No	
237	22004	**Enhancement of the support of network**	Rel-6	No	R2	No	NTShar-UTRANEnh
238	**32016**	**QoS Improvements**	**Rel-6**	**No**	**S2**	**No**	**QoS1**
239	32017	**FS on Dynamic Policy control enhance**	Rel-6	No	S2	No	QoS1
240	32059	**Definition of the Gq interface**	Rel-6	No	S2	No	
241	13016	**Gq interface specification for Dynamic**	Rel-6	No	N3	No	
242	**33002**	**Subscriber certificates**	**Rel-6**	**No**	**S3**	**No**	**SEC1-SC**
243	32705	**Stage 1**	Rel-6	No	S3	No	
244	32706	**Architecture review**	Rel-6	No	S2	No	
245	14504	**Stage 3**	Rel-6	No	N4	No	SEC1-SC
246	11049	**Stage 3 Ua & Ub interfaces**	Rel-6	No	N1	No	
247	60007	**OMA dependencies on Subscriber certi**	Rel-6	No	OMA	No	



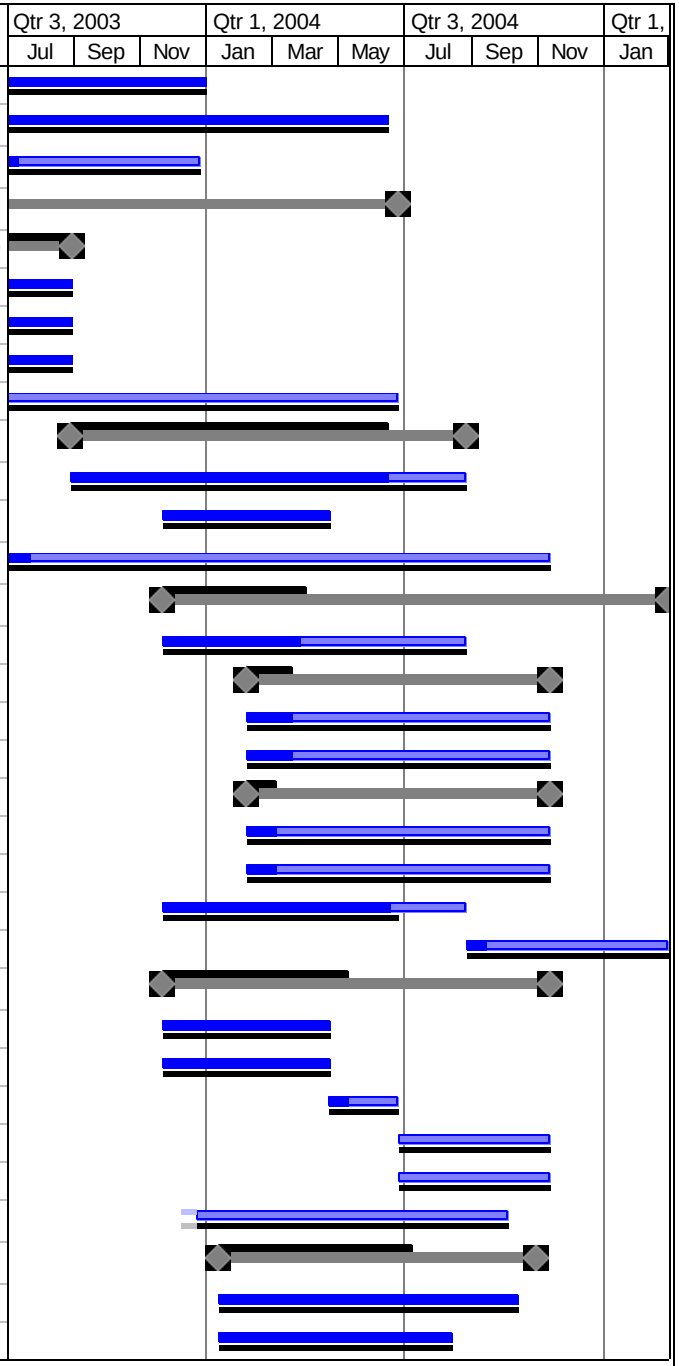
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
250	15038	**OSA Stage 2 (CN5 inherited from SA2 a**	Rel-6	No	N5	No	
251	15026	**Multi Media Messaging function**	Rel-6	No	N5	No	
252	15028	**Policy management extensions**	Rel-6	No	N5	No	
253	15029	**TS on Presence and Availability Manag**	Rel-6	No	N5	No	
254	15032	**OSA interfaces at different levels of abs**	Rel-6	No	N5	No	
255	15033	**Introduction of migration support mech**	Rel-6	No	N5	No	
256	15034	**DELETE - User Profile**	Rel-6	No	N5	No	
257	15036	**Framework Function for Federation**	Rel-6	No	N5	No	
258	60008	**OMA dependencies on OSA**	Rel-6	No	OMA	No	
259	**50401**	**Addition of frequency bands to GSM**	**Rel-6**	**No**	**GP**	**No**	**TAPS**
260	**50094**	**Addition of frequency bands to GSM – (**	**Rel-6**	**No**	**G1**	**No**	**TAPS-Specs**
261	51102	Changes to core specs	Rel-6	No	G1	No	
262	**54102**	**Addition of frequency bands to GSM – (**	**Rel-6**	**No**	**G4**	**No**	**TAPS-Conf**
263	54103	51.010-1 Add testing	Rel-6	No	G4	No	
264	**50130**	**Seamless support of streaming service**	**Rel-6**	**No**	**GP**	**No**	**SSStrea**
265	**51131**	**Identification of requirements for strea**	**Rel-6**	**No**	**G1**	**No**	
266	51133	Requirements	Rel-6	No	G1	No	
267	**51132**	**Performance study of cell change mecl**	**Rel-6**	**No**	**G1**	**No**	
268	51134	Performance of NACC	Rel-6	No	G1	No	
269	51135	Performance of cell change in DTM for the PS (	Rel-6	No	G1	No	
270	51136	Handover	Rel-6	No	G1	No	
271	**52131**	**Reduction of service interruption times**	**Rel-6**	**No**	**G2**	**No**	
272	52133	Optimisations of existing mechanisms/procedu	Rel-6	No	G2	No	
273	52134	Inter-system NACC	Rel-6	No	G2	No	
274	52135	PS Handover (within GERAN and between GEI	Rel-6	No	G2	No	
275	52136	Dependency to other features	Rel-6	No	G2	No	
276	**54131**	**MS conformance testing**	**Rel-6**	**No**	**G3**	**No**	
277	54132	MS conformance tests	Rel-6	No	G4;G5	No	
278	33013	**GERAN A/Gb mode security enhancem**	Rel-6	No	S3	No	
279	34300	**Performance characterisation of defau**	Rel-6	No	S4	No	CODCAR
280	31030	**Study on Privacy Capability**	Rel-6	No	S1	No	PrivCap
281	**35010**	**OAM&P**	**Rel-6**	**No**	**S5**	**No**	**OAM**
282	35011	**Principles, high level Requirements an**	Rel-6	No	S5	No	OAM-AR
283	35012	**Performance Management**	Rel-6	No	S5	No	OAM-PM



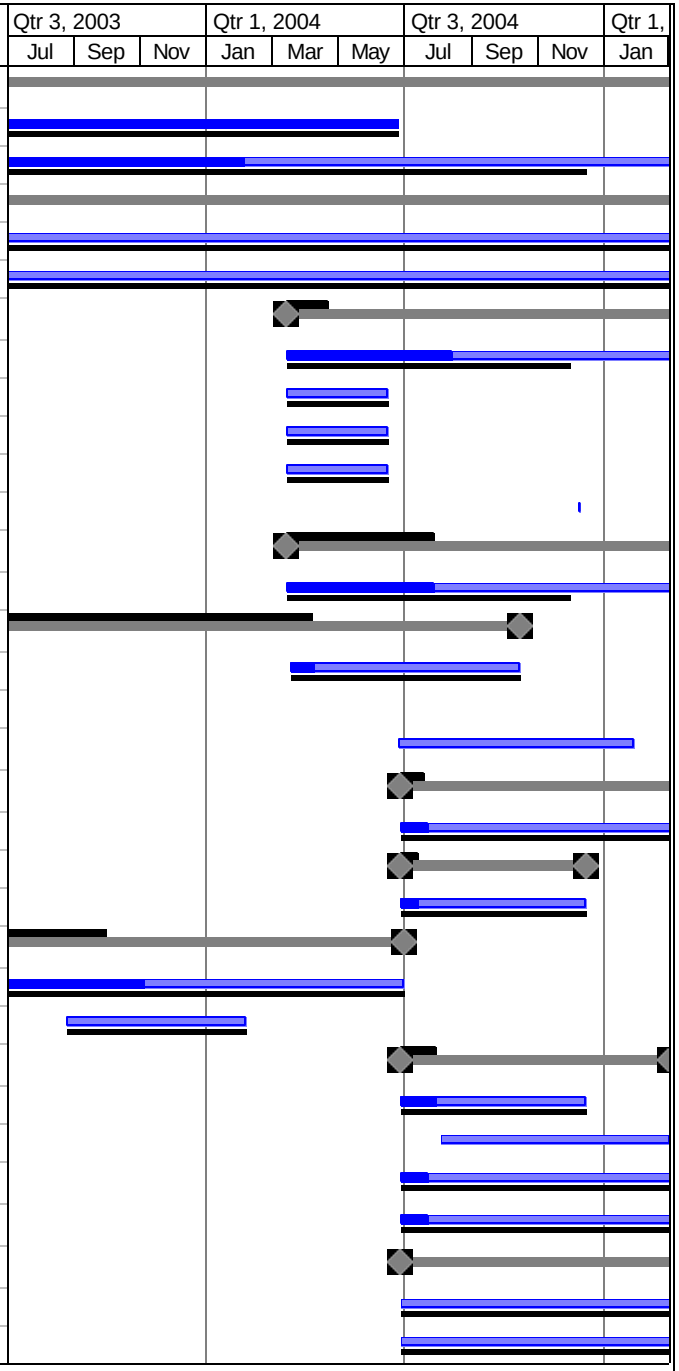
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
286	35022	Subscriber and UE trace management		No	S5	No	OAM-Trace
287	23013	Subscriber and equipment trace in UTRAN		No	R3	No	OAM-Trace-RAN
288	11046	SIP enhancements for trace		No	N1	No	
289	14016	Trace Management, Stage3		No	N4	No	OAM-Trace
290	**35016**	**Charging Management**	**Rel-6**	**No**	**S5**	**No**	**CH**
291	35017	**Charging Management for Bearer level**	Rel-6	No	S5	No	CH-BC
292	35018	**Charging Management for the IMS**	Rel-6	No	S5	No	CH-IC
293	35019	**Charging Management for the Service**	Rel-6	No	S5	No	CH-SC
294	**32030**	**Overall architectural aspects of IP flow**	**Rel-6**	**No**	**S2**	**No**	**CH-FBC**
295	32069	Overall definition of FBC architecture	Rel-6	No	S2	No	
296	32070	Study on providing policy control with FBC	Rel-6	No	S2	No	
297	**1800**	**Rel-6 UICC/USIM enhancements and i**	**Rel-6**	**No**	**T3**	**No**	**USAT1**
298	**1802**	**UICC API**	**Rel-6**	**No**	**T3**	**No**	**USAT1-API**
299	43001	Java API Test specification	Rel-6	No	T3	No	
300	43003	Java API Test specification (TS 43.019 Rel-5)	Rel-6	No	T3	No	
301	43006	2G/3G Java Card™ API based applet interworl	Rel-6	No	T3	No	USAT1-API
302	43007	(U)SIM API for Java Card Testing Work Item	Rel-6	No	T3	No	
303	**43004**	**Rel-6 USIM toolkit enhancements**	**Rel-6**	**No**	**T3**	**No**	
304	**502031**	**C SIM API**	**Rel-6**	**No**	**T3**	**No**	**USAT1-API-MULTC**
305	502032	Specification	Rel-6	No	T3	No	
306	502033	Test specification	Rel-6	No	T3	No	
307	**34022**	**Packet Switched Streaming Services F**	**Rel-6**	**No**	**S4**	**No**	**PSSrel6**
308	31039	**Stage 1**	Rel-6	No	S1	No	
309	34024	**Stage 3**	Rel-6	No	S4	No	PSSrel6-Stage3
310	34023	**AMR-WB extension for high audio qua**	Rel-6	No	S4	No	AMRWB+
311	34027	**Codec Enhancements for Packet Switc**	Rel-6	No	S4	No	CEPSCM
312	34028	**3G-324M Improvements**	Rel-6	No	S4	No	3G-324MI
313	51101	**Single Antenna Receiver Interference**	Rel-6	No	GP,G1	No	SAIC
314	**50500**	**Support of Conversational Services in**	**Rel-6**	**No**	**GP**	**No**	**SCSAGB**
315	50501	**Creation of a TR**	Rel-6	No	GP	No	SCSAGB-TR
316	50502	**Stage 2**	Rel-6	No	GP	No	SCSAGB-Stage2
317	50503	**Radio Channel Support**	Rel-6	No	GP	No	SCSAGB-RCS
318	50504	**Definition of radio resource manageme**	Rel-6	No	GP,G2	No	SCSAGB-RRM



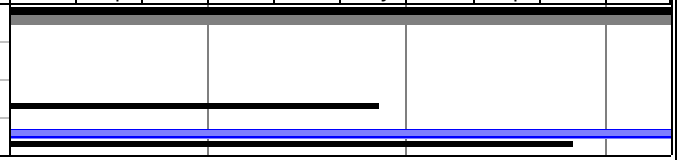
ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
322	12007	Stages 2 and 3	Rel-6	No	N4	No	
323	32060	**Bandwidth and resource savings in CS**	Rel-6	No	S2	No	BARS
324	33018	**FS on (U)SIM Security Reuse by Perip**	Rel-6	No	S3	No	
325	**50600**	**Multiple TBF in A/Gb mode**	**Rel-6**	**No**	**GP,G2**	**No**	**MULTBF**
326	**50601**	**Multiple TBF in A/Gb mode**	**Rel-6**	**No**	**GP,G2**	**No**	**MULTBF-Agbmod**
327	50602	Multiple TBF Concept paper	Rel-6	No	GP,G2	No	
328	50603	Multiple TBF Stage 2 (43.064) CRs	Rel-6	No	GP,G2	No	
329	50604	Multiple TBF Stage 3 (44.060) CRs	Rel-6	No	GP,G2	No	
330	50605	**Multiple TBF in A/Gb mode – MS testing**	Rel-6	No	G3	No	MULTBF-Testing
331	**50096**	**Alignment between the test-regimes fo**	**Rel-6**	**No**	**G3**	**No**	**ALTERE**
332	50097	Determine the controversial test cases in the differe	Rel-6	No	G3	No	ALTERE-TC
333	50444	**Addition of U-TDOA in the CS domain**	Rel-6	No	GP	No	UTDOACS
334	50445	**Addition of U-TDOA in the PS domain**	Rel-6	No	GP	No	UTDOAPS
335	**50101**	**Downlink Advanced Receiver Perform**	**Rel-6**	**No**	**GP**	**No**	**DARP**
336	50102	**DARP test scenarios**	Rel-6	No	GP	No	DARP-TS
337	**50103**	**DARP for GMSK modulated voice servi**	**Rel-6**	**No**	**GP**	**No**	**DARP-GMSK**
338	50104	Performance requirements in 45.005	Rel-6	No	GP	No	DARP-GMSK-Perf
339	50105	Radio subsystem link control in 45.008	Rel-6	No	GP	No	DARP-GMSK-LC
340	**50106**	**DARP for GPRS and EGPRS MCS1-MCS**	**Rel-6**	**No**	**GP**	**No**	**DARP-GPRSE**
341	50107	Performance requirements in 45.005	Rel-6	No	GP	No	DARP-GPRSE-Perf
342	50108	Radio subsystem link control in 45.008	Rel-6	No	GP	No	DARP-GPRSE-LC
343	50115	**DARP Capability signalling**	Rel-6	No	GP	No	DARP-CAPSIG
344	50116	**GERAN MS Conformance test for DARP**	Rel-6	No	G3	No	ARP-ConfTest
345	**50109**	**Reduction of PS service interruption i**	**Rel-6**	**No**	**G2**	**No**	**PSintDTM**
346	50110	**Use case and requirement definition**	Rel-6	No	G2	No	PSintDTM-Req
347	50111	**Performance Study of Current Procedu**	Rel-6	No	G2	No	PSintDTM-Perf
348	50112	**Reduction of service interruption times**	Rel-6	No	G2	No	PSintDTM-Reduct
349	50113	**MS Conformance testing**	Rel-6	No	G3	No	PSintDTM-ConfMS
350	50114	**BTS Conformance testing**	Rel-6	No	G3	No	PSintDTM-ConfBTS
351	12008	**CAMEL prepay interworking with SCUI**	Rel-6	No	N4	No	SCCAMEL
352	**31046**	**Circuit Switched Video and Voice Serv**	**Rel-6**	**No**	**S1**	**No**	**CS_VSS**
353	31047	**Stage 1 - Requirements**	Rel-6	No	S1	No	
354	32071	**Stage 2 Study on architecture alternati**		No	S2	No	



ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
358	**32045**	**PS domain and IMS impacts for suppor**	**Rel-7**	**No**	**S2**	**No**	**EMC1**
359	1314	**Service Requirements for IP-based em**	Rel-7	No	S1	No	
360	32046	**Stage 2**	Rel-7	No	S2	No	
361	**1653**	**Emergency Call Enhancements for IP&**	**Rel-7**	**No**	**N1**	**No**	
362	1315	SIP emergency calls and packet emergency c	Rel-7	No	N1	No	
363	1646	Stage 3 for emergency calls and packet emerg	Rel-7	No	N1	No	
364	**32064**	**Access Class Barring and Overload Pr**	**Rel-7**	**No**	**S2**	**No**	**ACBOP**
365	32065	**TR on Stage 2 (check it at SA2)**		No	S2	No	
366	20009	**Extra ACBOP information in RAN**		No	RP	No	
367	50117	**Extra ACBOP information in GERAN**		No	GP	No	
368	20010	**Potential impact on Iu interface Overlo**		No	RP	No	
369	11048	Stage 3 CN aspects of ACBOP		No	N1	No	
370	**32066**	**DELETE? COVERED BY 32076? - Com**	**Rel-7**	**No**	**S2**	**No**	**CSI**
371	32067	**TR on Alternative Architectures for Co**		No	S2	No	
372	**31048**	**USSD message delivery and transfer t**	**Rel-7**	**No**	**S1**	**No**	
373	31060	**Stage 1**		No	S1	No	
374	43008	**WI on Alignment with requirements reg**		No	T3	No	
375	50544	**Generic Access to A/Gb Interface**	Rel-7	No	GP	No	GAAG
376	**32079**	**Location Services enhancements 3**	**Rel-7**	**No**	**S2**	**No**	**LCS3**
377	31051	**Toward A-GNSS concept**	Rel-7	No	S1	No	LCS3-AGNSS
378	**31052**	**LCS for 3GPP Interworking WLAN**	**Rel-7**	**No**	**S1**	**No**	**LCS3-IWLAN**
379	32077	Feasibility study on 3GPP system to Wireless I	Rel-7	No	S2	No	
380	**32029**	**FS on applicability of GALILEO for LCS**	**Rel-7**	**No**	**S2**	**No**	
381	32058	**TR on Stage 2 (No contributions receiv**	Rel-7	No	S2	No	
382	50095	**GERAN review of the TR**	Rel-7	No	GP	No	
383	**31049**	**Enhancements of VGCS in public netw**	**Rel-7**	**No**	**S1**	**No**	**EGCS**
384	31061	**Stage 1**	Rel-7	No	S1	No	EGCS
385	11045	Enhancements of VGCS in public networks for com	Rel-7	No	N1	No	
386	31050	**Behaviour of Multi system UEs**	Rel-7	No	S1	No	BMSU
387	31053	**Selective Disabling of UE Capabilities**	Rel-7	No	S1	No	SDoUE
388	**31054**	**Feasibility Study on IMS with real time**	**Rel-7**	**No**	**S1**	**No**	**IRTSD**
389	31055	**Combining CS calls and IMS sessions**	Rel-7	No	S1	No	IRTSD-CS_IMS
390	32076	**IMS services using CS bearers**	Rel-7	No	S2	No	IRTSD-IMSCS



ID	Unique_I	Name	Releas	Early	Resou	Modifi	Acronym
394	**32005**	**IMS Local services**	**Rel-7**	**No**	**S2**	**No**	
395	32019	Stage 2	Rel-7	No	S2	No	
396	11035	Stage 3 for IMS Local services	Rel-7	No	N1	No	
397	14012	**Mp (MRFC - MRFP) interface (CN4 Part)**	Rel-6	No	N4	No	IMS-CCR-Mp



Project: 3GPP_Work Plan
Date: Thu 09/09/04